

June 7, 1965

Dr. Orr E. Reynolds, Director  
Bioscience Programs  
Office of Space Sciences and Applications  
National Aeronautics and Space Administration  
Washington 25, D. C.

Dear Orr:

I am enclosing a copy of the proposal designated as "A Proposal for the Study of Computer Control of External Devices and an Automated Biological Laboratory" that we are now sending through formal University channels for approval. For the most part I think it speaks for itself. However, I think I should stress that it falls somewhat short of the full-blown phase Q effort that is mentioned in ~~some~~ of my earlier memoranda. The main discrepancy is that under this proposal we still do not take responsibility for comprehensive systems studies that will be needed before very long to tie together a workable package. As you know, we are still looking for constructive ways to get on with our planning with respect to this level of operation so that we can submit more formal proposals for it. Meantime, the work outlined in the present proposal will go very far indeed to developing and demonstrating many of the necessary components of such a system.

Cordially,

Joshua Lederberg  
Professor of Genetics